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Index:
Inspection and Maintenance
Fumigation

UNITED STATES DEPARTMENT OF AGRICULTURE
PRODUCTION AND MARKETING ADMINISTRATION
WASHINGTON, D. C.

SHIPPING AND STORAGE BRANCH MEMORANDUM NO. 27.1

Fumigation of Commodities in Warehouses

I Storage of Commodities Subject to Infestation

Storage Sections of the Shipping and Storage field offices, when storing commodities subject to infestation, and which may require fumigation, shall be responsible for storing such commodities in warehouses which can be made gas tight with a minimum amount of sealing at a reasonable cost. Stg. Secs. will be guided in this matter by the Warehouse Examiner's report of "Condition of Facilities for Fumigation," (Form SSB-19).

II Field Office Responsibility for Fumigation

Inspection and Maintenance Sections, field, shall be responsible for arranging for fumigation of commodities stored in warehouses. I&M Secs. shall be guided by the policy and technical direction of the I&M Div., Washington.

III Procedure to be Followed When Infestations of Commodities Are Found

- A. I&M Secs. shall request warehousemen to inform them immediately of any outbreak of infestations of commodities stored in warehouses.
- B. When the Warehouse Examiner finds, or has been advised by a warehouseman, of any sign of infestation of commodities in a warehouse, an immediate report of this fact by wire or telephone will be made to the Chief, I&M Sec. The Warehouse Examiner shall furnish in detail in the report the extent of the infestation.
- C. In the event a warehouseman calls directly to the Chief of the SS field office, and reports signs of infestations of commodities in storage, the services of an inspector from the appropriate Commodity Branch, PMA, will be requested to perform an inspection as to the need for fumigation. (Refer to SSB Memo. No. 36.6). The inspector shall notify the I&M Sec., by telephone or telegram, of the findings, and shall confirm the findings by the inspection report.
- D. Flour and seed require special handling. When the fumigation of either is needed, the I&M Secs. shall consult the I&M Div., Washington, for the method of fumigation and the type of fumigant to be used.

IV Relationship With the Bureau of Entomology and Plant Quarantine

- A. I&M Secs. shall develop close working relationships with the Bureau of Entomology and Plant Quarantine so that full advantage can be taken of their specialized knowledge and assistance. The Bureau of Entomology and Plant Quarantine is in a position to furnish information (1) on types of insects affecting different regions, (2) periods when insects are likely to be active, and (3) the fumigants necessary to kill the particular insects.
- B. Whenever personnel of the Bureau of Entomology and Plant Quarantine are available, they will plant pill boxes and/or rods containing live weevils for determining the extent of kill after fumigation. When this is not possible, the I&M Secs. will request the services of the appropriate Commodity Branch, PMA, for the purpose of examining the commodity after fumigation to determine the extent of kill.
- C. By working with the Bureau of Entomology and Plant Quarantine, I&M Secs. will anticipate periods when infestations are likely to occur in particular commodities. The Chiefs, I&M Secs. will arrange the itineraries of Warehouse Examiners so that warehouses storing commodities subject to infestation, will be checked at the time infestations are likely to occur.

V Stop Orders on Infested Commodities

Immediately after the I&M Secs. have ascertained that a lot may require fumigation, the Stg. Secs., field, will be informed so that the lot may be "frozen" in its records. When fumigation has been completed, or it has been determined that no fumigation will be required, the I&M Secs. shall notify Stg. Secs. to remove the "freeze" order. In the event that a "freeze" order is placed on a lot that has already been committed to program, and no other lot is available, the Stg. Sec. will immediately notify the Program Operations Division, Washington.

VI Reference Lists of Fumigators

The I&M Secs., field, have already been supplied by the I&M Div., Washington, with a list of fumigators capable of accomplishing large commercial work, and a list of fumigators who can be called upon to do small local work. However, these lists do not limit the I&M Secs. to the fumigators appearing on the lists.

VII Securing Bids for Fumigation ContractsA. Inspection of Warehouses

I&M Secs. shall, if possible, have three or more fumigators inspect infested warehouse and bid on the fumigation of such, regardless of the type or quantity of commodities in storage.

B. Requesting Bids from Fumigators

I&M Secs. shall request bids by telephone, whenever possible, from the fumigator's nearest facilities. When I&M Secs. request bids by telephone, they shall confirm such requests by wire which include the items outlined in Exhibit A, attached.

C. Acceptance of Bid and Placing of Contract

I&M Secs. will place contracts with competent commercial fumigators.

1. I&M Secs. shall execute a contract with the successful bidder (fumigator).
2. If only one fumigator is available who would be able to properly service a particular warehouse, arrangements will be made with this particular fumigator on a contract basis.
3. When the contract is not awarded to the lowest bidder, a memorandum should be kept on file describing the reasons for awarding the contract to the fumigator.

D. Notification of Fumigator

Upon execution of the contract, the I&M Secs. shall wire the warehouseman the name of the fumigator.

VIII Car Fumigation Contracts for 1945

- A. Car fumigation contracts for the year 1945 have been forwarded to the I&M Secs., field, in order that a complete over-all knowledge will be available as to the exact location of fumigation contractors who are available for work in the territories served by respective SS field offices. These contracts are self-explanatory.

IX Car Fumigation Contracts for 1946

Car fumigation contracts for 1946 will be negotiated and executed by the I&M Secs., field, and should be secured early in the year so that when fumigation is required, the preliminary contractual negotiations will have been completed.

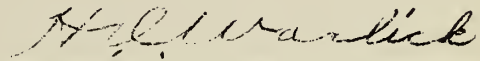
X Fumigation Contract Requirements

- A. I&M Secs. shall make provisions in the fumigation contract to the effect that fumigators must comply with the following requirements:
1. Supply evidence of public liability, property damage insurance, and workmen's compensation insurance.
 2. Use a specific type of fumigant. (The type of fumigant must be acceptable to the I&M Sec.)
 3. Guarantee a satisfactory kill to be determined by (a) a representative of the Bureau of Entomology and Plant Quarantine, or (b) an inspector of the appropriate Commodity Branch, PMA, or (c) a Warehouse Examiner designated by the Chief, I&M Sec., only when it is impossible to secure an immediate commodity inspection.
 4. Remove all sealing materials (except permanent sealing) in the warehouse, to the satisfaction of the warehouseman.
 5. Notify the I&M Sec. when the warehouse will be aerated so that (a) a representative of the Bureau of Entomology and Plant Quarantine, or (b) representative of the appropriate Commodity Branch, PMA, or (c) when impossible to secure a commodity inspection, a designated Warehouse Examiner, will determine the extent of kill.
 6. Comply with all local or state fumigation laws.

XI Work Order Forms, CCC-219

A. It will only be necessary to issue "Request and Certification for Supplies and/or Labor," (Form CCC-219) for fumigation work for both overtime and regular time, under the following circumstances:

1. Term Contracts. When the S&S field office has executed a term contract for fumigation work. (A term contract shall be considered a contract for a particular service, at a given rate, for a specified period of time.)
2. Orders for Services. Where Orders for Services (Form CCC-155) are issued by warehouse examiners or terminal inspectors for emergency fumigation work.



H. O. Warlick, Director
Shipping and Storage Branch

Attachment

T E L E G R A M

Desire immediate fumigation Rice stored Douglas Shipline Stg. Corp. located 202 Fulton St., New Orleans, La. Entire bldg. 5 floors totaling 520,800 cu. ft. brick, concrete, fireproof, 157 windows 4 doors. Report indicates each floor may be fumigated without much sealing. Traffic very light. Wire price, date work can be accomplished, specify type fumigant you will use, guaranteeing satisfactory kill determined by grain examiner, or 100 percent kill in test boxes or tubes. Bids must be received this office promptly as possible to permit awarding of contract. Public liability, property damage and workmen's compensation required.

